

Abstract.**Thermal shock resistant casting element and manufacturing process thereof.**

The present invention concerns an element for the casting of a liquid metal, comprising a base

5 body made from a refractory material, said body comprising an outer surface and an inner surface defining a pouring channel for the casting of the liquid metal. This element is characterized in that at least a part of the element inner surface is coated with an insulating coating forming, at the metal liquid contact, a gas impermeable layer.

10 Such an element has an excellent thermal shock resistance which permits its use without preheating. Then a layer reducing advantageously the gas permeability is formed.

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